

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1515	709/246.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:16
L2	1668	709/204.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:16
L3	1400	709/200.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:16
L4	3973	709/217.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:17
L5	1886	709/230.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:17
L6	10466	709/201-204.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:17
L7	26956	709/217-231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:17
L8	2267	719/311,315-318.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18

EAST Search History

L9	915	719/310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L10	2583	718/100,104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L11	199	726/12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L12	340	710/11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L13	328	713/151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L14	463	714/39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L15	160	726/15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:18
L16	39936	I1 or I2 or I3 or I4 or I5 or I6 or I7 or I8 or I9 or I10 or I11 or I12 or I13 or I14 or I15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:19

EAST Search History

L17	2021	I16 and ((constraint or check\$5 or control\$5) near5 (terminal or client)) same protocol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:20
L18	591	I17 and conver\$5 same protocol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:21
L19	490	I18 and server same network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:22
L20	26	I19 and (imag\$3 near5 convert\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 15:22
S1	6	709/230,246.ccls. and (WAP adj proxy)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:13
S2	0	709/230,246.ccls. and (WAP same (image near3 dithering))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:13
S3	0	709/230,246.ccls. and (WAP same (image near3 pixel))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:13
S4	0	709/230,246.ccls. and (WAP same ((image or jpeg or picture or photo near3 pixel)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:13
S5	92	WAP adj proxy	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:14
S6	86	(WAP adj proxy) not (709/230,246. ccls. and (WAP adj proxy))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:19
S7	0	((WAP adj proxy) not (709/230,246. ccls. and (WAP adj proxy))) and (image near8 dithering)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:14
S8	0	((WAP adj proxy) not (709/230,246. ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) near8 dithering)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:19

EAST Search History

S9	3	((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) near8 pixel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:15
S10	63	((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo)) same (pixel or height or width)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:19
S11	5	((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) same (pixel or height or width)) not (((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) same (pixel or height or width)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:21
S12	63	((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo)) same (pixel or height or width) not (((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) same (pixel or height or width)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:21
S13	58	(((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo)) not (((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) same (pixel or height or width))) not (((WAP adj proxy) not (709/230,246.ccls. and (WAP adj proxy))) and ((image or jpeg or picture or photo) same (pixel or height or width)))) same (pixel or height or width)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:27
S14	57	(WAP or WSP) same (pixel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:28
S15	36	(WAP or WSP) same (pixel) same (image or jpeg or picture or photo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:31
S16	413	(portal or cellular) same (pixel) same (image or jpeg or picture or photo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:30
S17	365	(cellular) same (pixel) same (image or jpeg or picture or photo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:30
S18	7	(cellular) same (pixel) same (image or jpeg or picture or photo) same height same width	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:32
S19	251	(WAP or WSP) and (pixel) same (image or jpeg or picture or photo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:31

EAST Search History

S20	0	(cellular) same (pixel) same (image or jpeg or picture or photo) and (browser same height same width)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:32
S21	2	(WAP or WSP) same (pixel) same (image or jpeg or picture or photo) and (browser same height same width)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:33
S22	3	(WSP) same HTTP same (image or jpeg or picture or photo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:37
S23	14	(WSP) near8 HTTP same conver\$8 and (image or jpeg or picture or photo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/06/16 10:37
S24	1	("6457030").PN.	USPAT	OR	OFF	2005/03/25 14:23
S25	5	WAP and conversion same image same protocol	USPAT	OR	ON	2005/03/25 16:56
S26	42	WAP and proxy and conversion same protocol	USPAT	OR	ON	2005/03/25 14:34
S27	1	S26 and (conversion near5 possible)	USPAT	OR	ON	2005/03/25 14:34
S28	42	(US-6868393-\$ or US-6865191-\$ or US-6862622-\$ or US-6853894-\$ or US-6850996-\$ or US-6820116-\$ or US-6813503-\$ or US-6810405-\$ or US-6804537-\$ or US-6801604-\$ or US-6799203-\$ or US-6775262-\$ or US-6763373-\$ or US-6748449-\$ or US-6745259-\$ or US-6738808-\$ or US-6721288-\$ or US-6694387-\$ or US-6684269-\$ or US-6684088-\$ or US-6680922-\$ or US-6675017-\$ or US-6658011-\$ or US-6640248-\$ or US-6628629-\$ or US-6597903-\$). did. or (US-6594484-\$ or US-6594246-\$ or US-6590885-\$ or US-6560640-\$ or US-6513059-\$ or US-6509913-\$ or US-6473794-\$ or US-6473609-\$ or US-6466783-\$ or US-6452915-\$ or US-6430624-\$ or US-6424841-\$ or US-6317831-\$ or US-6301471-\$ or US-6185535-\$ or US-6185208-\$).did.	USPAT	OR	OFF	2005/03/25 14:34
S29	42	S28 and conversion same protocol	USPAT	OR	ON	2005/03/25 14:35
S30	2	S29 and (conver\$5 near5 possible)	USPAT	OR	ON	2005/03/25 14:37
S31	6	S29 and (conver\$5 near5 necessary)	USPAT	OR	ON	2005/03/25 15:09
S32	78	transcod\$5 near3 algorithm	USPAT	OR	ON	2005/03/25 15:09

EAST Search History

S33	2	transcod\$5 near3 algorithm and WAP	USPAT	OR	ON	2005/03/25 15:13
S34	2	transcod\$5 near5 algorithm and WAP	USPAT	OR	ON	2005/03/25 15:14
S35	1	transcod\$5 near5 verification and WAP	USPAT	OR	ON	2005/03/25 15:14
S36	1	transcod\$5 near5 verify\$5 and WAP	USPAT	OR	ON	2005/03/25 15:25
S37	1	("6138156").PN.	USPAT	OR	OFF	2005/03/25 15:56
S38	12	remov\$3 near5 content same transcod\$3	USPAT	OR	OFF	2005/03/25 16:04
S39	1	("6138156").PN.	USPAT	OR	OFF	2005/03/25 16:04
S40	44	WAP and image and (protocol same proxy)	USPAT	OR	ON	2005/03/25 16:57
S41	0	WAP and image and (protocol same proxy same algorithm)	USPAT	OR	ON	2005/03/25 16:57
S42	14	WAP and image and (protocol same proxy) and algorithm	USPAT	OR	ON	2005/03/25 16:57

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Relevance scale 

1 [A survey and analysis of Electronic Healthcare Record standards](#)

 Marco Eichelberg, Thomas Aden, Jörg Riesmeier, Asuman Dogac, Gokce B. Laleci
 December 2005 **ACM Computing Surveys (CSUR)**, Volume 37 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(844.11 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Medical information systems today store clinical information about patients in all kinds of proprietary formats. To address the resulting interoperability problems, several Electronic Healthcare Record standards that structure the clinical content for the purpose of exchange are currently under development. In this article, we present a survey of the most relevant Electronic Healthcare Record standards, examine the level of interoperability they provide, and assess their functionality in terms o ...

Keywords: Electronic Healthcare Record standards, eHealth, interoperability

2 [Computing curricula 2001](#)

 September 2001 **Journal on Educational Resources in Computing (JERIC)**

Publisher: ACM Press

Full text available:  [pdf\(613.63 KB\)](#)  [html\(2.78 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 [4.2BSD and 4.3BSD as examples of the UNIX system](#)

 John S. Quarterman, Abraham Silberschatz, James L. Peterson
 December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(4.07 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper presents an in-depth examination of the 4.2 Berkeley Software Distribution, Virtual VAX-11 Version (4.2BSD), which is a version of the UNIX Time-Sharing System. There are notes throughout on 4.3BSD, the forthcoming system from the University of California at Berkeley. We trace the historical development of the UNIX system from its conception in 1969 until today, and describe the design principles that have guided this development. We then present the internal data structures and ...

4 [Distributed file systems: concepts and examples](#)

 Eliézer Levy, Abraham Silberschatz
 December 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 4

Publisher: ACM Press

Full text available:  pdf(5.33 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The purpose of a distributed file system (DFS) is to allow users of physically distributed computers to share data and storage resources by using a common file system. A typical configuration for a DFS is a collection of workstations and mainframes connected by a local area network (LAN). A DFS is implemented as part of the operating system of each of the connected computers. This paper establishes a viewpoint that emphasizes the dispersed structure and decentralization of both data and con ...

5 Intrusion detection: Enhancing byte-level network intrusion detection signatures with context



Robin Sommer, Vern Paxson

October 2003 **Proceedings of the 10th ACM conference on Computer and communications security**

Publisher: ACM Press

Full text available:  pdf(217.88 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many network intrusion detection systems (NIDS) use byte sequences as signatures to detect malicious activity. While being highly efficient, they tend to suffer from a high false-positive rate. We develop the concept of *contextual signatures* as an improvement of string-based signature-matching. Rather than matching fixed strings in isolation, we augment the matching process with additional context. When designing an efficient signature engine for the NIDS bro, we provide low-level context ...

Keywords: bro, evaluation, network intrusion detection, pattern matching, security, signatures, snort

6 An OpenMath 1.0 implementation



Stéphane Dalmas, Marc Gaëtano, Stephen Watt

July 1997 **Proceedings of the 1997 international symposium on Symbolic and algebraic computation**

Publisher: ACM Press

Full text available:  pdf(1.03 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

7 The family of concurrent logic programming languages



Ehud Shapiro

September 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 3

Publisher: ACM Press

Full text available:  pdf(9.62 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Concurrent logic languages are high-level programming languages for parallel and distributed systems that offer a wide range of both known and novel concurrent programming techniques. Being logic programming languages, they preserve many advantages of the abstract logic programming model, including the logical reading of programs and computations, the convenience of representing data structures with logical terms and manipulating them using unification, and the amenability to metaprogrammin ...

8 An architecture for WWW-based hypercode environments



Gail E. Kaiser, Stephen E. Dossick, Wenyu Jiang, Jack Jingshuang Yang

May 1997 **Proceedings of the 19th international conference on Software engineering**

Publisher: ACM Press

Full text available:  pdf(1.84 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

9 OAI in action: eBizSearch: an OAI-compliant digital library for eBusiness

Yves Petinot, Pradeep B. Teregowda, Hui Han, C. Lee Giles, Steve Lawrence, Arvind Rangaswamy, Nirmal Pal

May 2003 **Proceedings of the 3rd ACM/IEEE E-CS joint conference on Digital libraries**

Publisher: IEEE Computer Society

Full text available:  pdf(630.55 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Niche Search Engines offer an efficient alternative to traditional search engines when the results returned by general-purpose search engines do not provide a sufficient degree of relevance and when nontraditional search features are required. Niche search engines can take advantage of their domain of concentration to achieve higher relevance and offer enhanced features. We discuss a new digital library niche search engine, eBizSearch, dedicated to e-business and e-business documents. The ground ...

10 ARMISTICE: an experience developing management software with Erlang

 David Cabrero, Carlos Abalde, Carlos Varela, Laura Castro

August 2003 **Proceedings of the 2003 ACM SIGPLAN workshop on Erlang**

Publisher: ACM Press

Full text available:  pdf(362.35 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

In this paper, some experiences of using the concurrent functional language Erlang to implement a classical vertical application, a risk management information system, are presented. Due to the complex nature of the business logic and the interactions involved in the client/server architecture deployed, traditional development techniques are unsatisfactory. First, the nature of the problem suggests an iterative design approach. The use of abstractions (functional patterns) and compositionality (...

Keywords: business logic, client/server architecture, concurrent programming, design patterns, distributed computing, functional programming

11 Papers: collaborating through documents: FLANNEL: adding computation to electronic mail during transmission

 Victoria Bellotti, Nicolas Ducheneaut, Mark Howard, Christine Neuwirth, Ian Smith, Trevor Smith

October 2002 **Proceedings of the 15th annual ACM symposium on User interface software and technology**

Publisher: ACM Press

Full text available:  pdf(374.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper, we describe FLANNEL, an architecture for adding computational capabilities to email. FLANNEL allows email to be modified by an application while in transit between sender and receiver. This modification is done without modification to the endpoints---mail clients---at either end. This paper also describes interaction techniques that we have developed to allow senders of email to quickly and easily select computations to be performed by FLANNEL. Through our experience, we explain ...

Keywords: communications channel, computational email, electronic mail, web applications

12 Flick: a flexible, optimizing IDL compiler

 Eric Eide, Kevin Frei, Bryan Ford, Jay Lepreau, Gary Lindstrom

May 1997 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1997 conference on Programming language design and implementation PLDI '97**, Volume 32

Issue 5

Publisher: ACM Press

Full text available:  pdf(1.75 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

An interface definition language (IDL) is a nontraditional language for describing interfaces between software components. IDL compilers generate "stubs" that provide separate communicating processes with the abstraction of local object invocation or procedure call. High-quality stub generation is essential for applications to benefit from component-based designs, whether the components reside on a single computer or on multiple networked hosts. Typical IDL compilers, ...

13 Performance evaluation of an adaptive-rate MPEG encoder matching intserv traffic constraints 

Alfio Lombardo, Giovanni Schembra

February 2003 **IEEE/ACM Transactions on Networking (TON)**, Volume 11 Issue 1**Publisher:** IEEE PressFull text available:  pdf(1.38 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Promoting the evolution of the Internet from a simple data network to a true multiservice network today constitutes a challenging task. To this end, the Internet Engineering Task Force (IETF) has set up the Integrated Services (Intserv) and Differentiated Services (DiffServ) Working Groups, with the goal of defining a next-generation Internet, in which traditional best-effort datagram delivery and additional enhanced quality of service delivery classes coexist. The IntServ framework, in particul ...

Keywords: MPEG, Markov modeling, TSpec, performance evaluation, quantizer scale parameter, rate control

14 Strategic directions in database systems—breaking out of the box 

 Avi Silberschatz, Stan ZdonikDecember 1996 **ACM Computing Surveys (CSUR)**, Volume 28 Issue 4**Publisher:** ACM PressFull text available:  pdf(222.64 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 Performance aware tasking for environmentally powered sensor networks 

 Aman Kansal, Dunny Potter, Mani B. SrivastavaJune 2004 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the joint international conference on Measurement and modeling of computer systems SIGMETRICS 2004/PERFORMANCE 2004**, Volume 32 Issue 1**Publisher:** ACM PressFull text available:  pdf(384.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The use of environmental energy is now emerging as a feasible energy source for embedded and wireless computing systems such as sensor networks where manual recharging or replacement of batteries is not practical. However, energy supply from environmental sources is highly variable with time. Further, for a distributed system, the energy available at its various locations will be different. These variations strongly influence the way in which environmental energy is used. We present a harvesting ...

Keywords: energy harvesting, performance guarantees, process scheduling

16 Database systems—breaking out of the box 

 Avi Silberschatz, Stan ZdonikSeptember 1997 **ACM SIGMOD Record**, Volume 26 Issue 3**Publisher:** ACM PressFull text available:  pdf(1.23 MB) Additional Information: [full citation](#), [citations](#), [index terms](#)

17 Formal verification of algorithms for critical systems

 John Rushby, Friedrich von Henke

September 1991 **ACM SIGSOFT Software Engineering Notes , Proceedings of the conference on Software for critical systems SIGSOFT '91**, Volume 16 Issue 5

Publisher: ACM Press

Full text available:  pdf(1.59 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**18 InterViso: dealing with the complexity of federated database access**

Marjorie Templeton, Herbert Henley, Edward Maros, Darrel J. Van Buer

April 1995 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 4 Issue 2

Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(1.87 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)



Connectivity products are finally available to provide the "highways" between computers containing data. IBM has provided strong validation of the concept with their "Information Warehouse." DBMS vendors are providing gateways into their products, and SQL is being retrofitted on many older DBMSs to make it easier to access data from standard 4GL products and application development systems. The next step needed for data integration is to provide (1) a common data dictionary with a conceptual sch ...

Keywords: data warehouse, database integration, federated database

19 Enhanced operational semantics: a tool for describing and analyzing concurrent systems



Pierpaolo Degano, Corrado Priami

June 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 2

Publisher: ACM Press

Full text available:  pdf(355.24 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



This article surveys the definition and application of an enhancement of structural operational semantics in the field of concurrent systems, and also addresses issues of distribution and mobility of code. The focus is on how enriching the labels of transitions with encodings of their deduction trees is sufficient to derive qualitative and quantitative information on the systems in hand simply by relabeling the transitions of a unique concrete model.

Keywords: parametric models, process algebra

20 Applying formal methods to semantic-based decomposition of transactions

 Paul Ammann, Sushil Jajodia, Indrakshi Ray

June 1997 **ACM Transactions on Database Systems (TODS)**, Volume 22 Issue 2

Publisher: ACM Press

Full text available:  pdf(569.45 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)



In some database applications the traditional approach of seerializability, in which transactions appear to execute atomically and in isolation on a consistent database state, fails to satisfy performance requirements. Although many researchers have investigated the process of decomposing transactions into steps to increase concurrency, such research typically focuses on providing algorithms necessary to implement a decomposition supplied by the database application developer and pays relat ...

Keywords: concurrency control, database management systems, transaction processing

Results 1 - 20 of 49

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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

1. A student design project to improve power quality for a commercial facility

Lentz, R.C.; Mercede, F.J.; Mercede, J.N., Jr.;
Power Systems, IEEE Transactions on
 Volume 10, Issue 1, Feb. 1995 Page(s):3 - 10
 Digital Object Identifier 10.1109/59.373921

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2. A P2P Approach for the Selection of Media Processing Modules for Service Specific Overlay Networks

Mathieu, B.; Meng Song; Kleis, M.;
Telecommunications, 2006. AICT-ICIW '06. International Conference on Internet and Web Applications and Services/Advanced International Conference on
 19-25 Feb. 2006 Page(s):103 - 103
 Digital Object Identifier 10.1109/AICT-ICIW.2006.24

[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF
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3. Automatic decomposition of Java program for implementation on mobile terminals

Umedu, T.; Urata, S.; Nakata, A.; Higashino, T.;
Advanced Information Networking and Applications, 2005. AINA 2005. 19th International Conference on
 Volume 1, 28-30 March 2005 Page(s):544 - 549 vol.1
 Digital Object Identifier 10.1109/AINA.2005.127

[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) IEEE CNF
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4. Experimental assessment of media synchronization quality in IEEE 802.11 b under Bluetooth interference

Kato, M.; Okura, H.; Ito, K.; Tasaka, S.;
Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE Proceedings on
 Volume 3, 7-10 Sept. 2003 Page(s):2683 - 2689 vol.3
 Digital Object Identifier 10.1109/PIMRC.2003.1259223

[AbstractPlus](#) | Full Text: [PDF\(549 KB\)](#) IEEE CNF
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5. Survivable Bluetooth location networks

Gonzalez-Castano, F.J.; Garcia-Reinoso, J.;
Communications, 2003. ICC '03. IEEE International Conference on
 Volume 2, 11-15 May 2003 Page(s):1014 - 1018 vol.2

[AbstractPlus](#) | Full Text: [PDF\(326 KB\)](#) IEEE CNF

[Rights and Permissions](#)**6. Bluetooth location networks**

Gonzalez-Castano, F.J.; Garcia-Reinoso, J.;

[Global Telecommunications Conference, 2002. GLOBECOM '02. IEEE](#)

Volume 1, 17-21 Nov. 2002 Page(s):233 - 237 vol.1

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The BABYLON Project

peculiar to the data structures we will re-introduce later). ... Consistency Protocol for Client Server Distributed Systems ...

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OPeNDAP User Guide -- Glossary

It's not clear how the **peculiar** spelling came into use. ... AS: Aggregation **Server**; BNF: Backus-Naur Form; CE: **Constraint** Expression ...

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So there were all sorts of **peculiar** rules that were non-orthogonal: you ... Bruce Lindsay: I'm really confused because ODBC is not a **server protocol** ...

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Introduction

The combination of multisets and **constraints** is also important to define ... to a mutual exclusion **protocol** designed for client-server systems in which the ...

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Logic Programming, Constraints, and Verification

In a Broadcast **protocol** processes are allowed to communicate via rendez-vous (one-to-one ... **Constraint-based** Verification of Client-server Protocols. ...

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A **peculiar** feature of O-OSCAR is the type of resources and the corresponding ... through a client-server **protocol**. In the next subsection we describe how ...

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Each **server** has its own AC policy; The enforcement of the policy is at ... Impose **constraints** on the communication **protocol**: time-outs, load balancing, etc ...

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package, once it is thoroughly entwined in the ...

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